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Docket Number | SYS-2068

**FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10**

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*Chris Carter*  
Chris Carter

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January 25, 1999

Date of Deposit

Address to: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**UTILITY PATENT APPLICATION TRANSMITTAL AND FEE SHEET**

Transmitted herewith for filing under 37 CFR §1.53(b) is the utility patent application of

Applicant (or identifier): YOUNG ET AL.

Title: EXPANDED AND GENETICALLY MODIFIED POPULATIONS OF HUMAN HEMATOPOIETIC STEM CELLS

Enclosed are:

1.  Specification (Including Claims and Abstract) - 53 pages
2.  Drawings - 9 sheets
3.  Executed Declaration and Power of Attorney (original or copy)
4.  Microfiche Computer Program (appendix)
5. Nucleotide and/or Amino Acid Sequence Submission
  - Computer Readable Copy
  - Paper Copy
  - Statement Verifying Identity of Above Copies
6.  Preliminary Amendment
7.  Assignment Papers (Cover Sheet & Document(s))
8.  English Translation of
9.  Information Disclosure Statement
10.  Certified Copy of Priority Document(s)
11.  Return Receipt Postcard
12.  Other:

Filing fee calculation:

- Before calculating the filing fee, please enter the enclosed Preliminary Amendment.  
 Before calculating the filing fee, please cancel claims

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Basic Filing Fee		\$ 760						
Multiple Dependent Claim Fee (\$ 260)		\$ 0						
Foreign Language Surcharge (\$ 130)		\$ 0						
	For	Number Filed		Number Extra		Rate		
Extra Claims	Total Claims	30	-20	10	x	\$ 18	=	\$ 180
	Independent Claims	4	-3	1	x	\$ 78	=	\$ 78
						TOTAL FILING FEE	\$ 918	

- Please charge Deposit Account No. 19-0134 in the amount of \$918. An additional copy of this paper is enclosed. The Commissioner is hereby authorized to charge any additional fees under 37 CFR §1.16 and §1.17 which may be required in connection with this application, or credit any overpayment, to Deposit Account No. 19-0134.

Please address all correspondence to:

Melissa A. Shaw  
 Systemix, Inc.  
 Patent Department  
 1651 Page Mill Road  
 Palo Alto, CA 94304

Please direct all telephone calls to the undersigned at the number given below, and all telefaxes to (650) 813-6588.

Respectfully submitted,

  
 Lynn Marcus-Wyner  
 Attorney for Applicants  
 Reg. No. 34,869  
 Tel. No. (650) 813-5132

Date: January 25, 1999